

## Ineos ABS Lustran® H802

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Heat Resistant, Molded

### Material Notes:

High heat resistance, increased flow.,Property data per ISO test methods.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ineos-ABS-Lustran-H802.php](http://www.lookpolymers.com/polymer_ineos-ABS-Lustran-H802.php)

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in <sup>3</sup>	
Melt Flow	8.0 g/10 min @Load 10.0 kg, Temperature 220 °C	8.0 g/10 min @Load 22.0 lb, Temperature 428 °F	Estimated using room temperature density

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	51.0 MPa	7400 psi	
Elongation at Yield	2.8 %	2.8 %	
Tensile Modulus	2.70 GPa	392 ksi	
Charpy Impact Unnotched	10.0 J/cm <sup>2</sup>	47.6 ft-lb/in <sup>2</sup>	
	8.00 J/cm <sup>2</sup> @Temperature -30.0 °C	38.1 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	
Charpy Impact, Notched	1.50 J/cm <sup>2</sup>	7.14 ft-lb/in <sup>2</sup>	
	0.700 J/cm <sup>2</sup> @Temperature -30.0 °C	3.33 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	0.800 Åµm/m-Å°C @Temperature 20.0 Å°C	0.444 Åµin/in-Å°F @Temperature 68.0 Å°F	
Deflection Temperature at 0.46 MPa (66 psi)	107 Å°C	225 Å°F	
Deflection Temperature at 1.8 MPa (264 psi)	101 Å°C	214 Å°F	
Vicat Softening Point	109 Å°C	228 Å°F	
	HB	HB	

Thermal Properties	Metric	English	Comments
	@ Thickness 1.60 mm	@ Thickness 0.0630 in	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	>= 1.00e+15 ohm-cm	>= 1.00e+15 ohm-cm	
Surface Resistance	>= 1.00e+15 ohm	>= 1.00e+15 ohm	
Dielectric Constant	3.0	3.0	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dielectric Strength	3.1	3.1	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dissipation Factor	0.0060	0.0060	
	@Frequency 100 Hz	@Frequency 100 Hz	
Comparative Tracking Index	0.010	0.010	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
	600 V	600 V	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China